

Elliott Bay/Duwamish Restoration Program 1993 annual report

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Executive Summary

On March 19, 1990 a complaint was filed by the United States for the National Oceanic and Atmospheric Administration (NOAA)¹ acting on behalf of the public as a trustee for natural resources. The complaint was filed under Section 107 of CERCLA, 42 U.S.C. § 9607 (a), to assess and recover damages for alleged injuries to United States' trust resources in Elliott Bay and the Duwamish River. The other natural resource trustees who were parties to the consent decree were: The US Fish and Wildlife Service (USFWS), the State of Washington Department of Ecology (Ecology), the Suquamish Indian Tribe and the Muckleshoot Indian Tribe. The defendants named in the lawsuit were the Municipality of Metropolitan Seattle (Metro)² and The City of Seattle (City).

The lawsuit was settled by Consent Decree on December 23, 1991. The settlement stipulates that Metro and the City will provide a combination of cash payments, real estate and in-kind services with a total value of \$24 million, to be used to clean up contaminated sediments, to make habitat improvements, and to prevent the recontamination of sediment remediation and habitat projects. For a copy of the Consent Decree and a more detailed summary, see *Elliott Bay/Duwamish Restoration Program 1992 annual report*, which is available from the Administrative Director.

This annual report is intended to summarize progress toward the implementation of the settlement in 1993, the second year of the Elliott Bay/Duwamish Restoration Program (Program). The program has completed an initial planning and public involvement phase. Sites have been targeted for sediment remediation and habitat development activities following substantial public review and comment upon the site selection process, which had been developed by the Program in its first year. The site selection process was presented in the *Draft Concept Document*. A Concept Document Conclusion will be completed, and will include site selection results, public comments received on the *Draft Concept Document*, and responses to public comments.

¹United States, et al. v. City of Seattle and Municipality of Metropolitan Seattle, Case No. C90-395WD (W.D. Wash.) [NOTE: all ¶ numbers cited refer to this document].

² On January 1, 1994, the Municipality of Metropolitan Seattle became the King County Department of Metropolitan Services (Metro).

Elliott Bay/Duwamish Restoration Program Panel

The Panel of Managers (Panel), established by the Consent Decree to manage the implementation of the settlement, consists of designated voting representatives and alternates from the parties to the Consent Decree. The Panel manages the Elliott Bay/Duwamish Restoration Program. In 1992 the Panel established two technical working groups to advise the Panel. These are: the Sediment Remediation Technical Working Group (SRTWG), chaired by Pat Romberg of Metro, and the Habitat Development Technical Working Group (HDTWG), chaired by Curtis Tanner of USFWS. Working group participants have included representatives of parties to the Consent Decree, the U.S. Army Corps of Engineers (COE), the Environmental Protection Agency (EPA), the Washington Departments of Wildlife, Natural Resources (DNR), and Fisheries, King County Surface Water Management (KCSWM), the Port of Seattle, the Boeing Company, and the Fisheries Research Institute of the University of Washington.

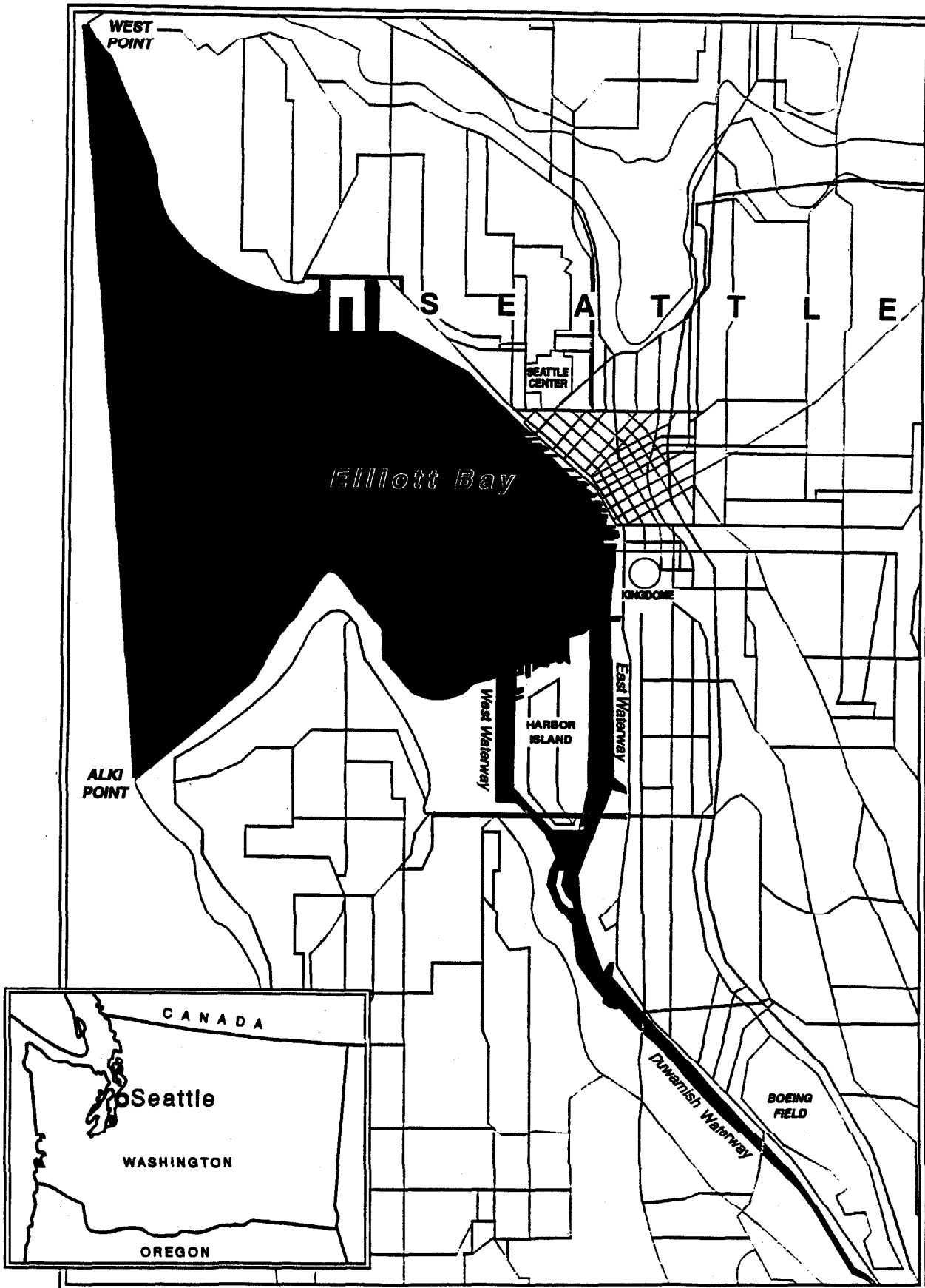
A Public Participation Committee has been established by the Panel. This group is committed to keeping the public informed and involved in the Elliott Bay/Duwamish Restoration Program and is chaired by Margaret Duncan of the Suquamish Tribe.

Together, the Panel, the Habitat Development and Sediment Remediation Technical Working Groups, the Public Involvement Committee, and the Administrative Director comprise the various administrative, managerial, and technical components of the Elliott Bay/Duwamish Restoration Program. The Organization Plan, an appendix to this report, provides information on program organization and membership.

Geographic Boundaries

The area covered by the settlement includes Elliott Bay eastward of a line between Alki Point and West Point including the shoreline ten meters upland from the mean high water line within Elliott Bay, and the Duwamish River from the river mouth to the head of navigation (see figure). For purposes of habitat development, the covered area includes tributaries to the Duwamish River.

Area Covered by Settlement



1993 Program Chronology

- January 7: The Panel authorized Metro to develop a scope of work for a waterfront study. The study was deemed necessary in order to determine the potential for recontamination of waterfront sediment remediation projects.
- January 21: Craig Cornu presented conceptual designs for the West Seattle Shoreline (Site 25), City Light North and South (Sites 4 and 5), Seaboard Lumber (Site 26, see figure 2), Spokane Street (Site 18), and the Pump Station (Site 24). The conceptual designs have since been used as informational displays at public meetings and at presentations given by Panel members.
- February 10: A public meeting was held to present the Program to the public and to describe progress on implementing the settlement.
- March 4: The Panel agreed to cosponsor a Shoreline Improvement Fund project proposal at Turning Basin Number Three, for which the Muckleshoot Tribe is the principal sponsor and the US Army Corps of Engineers is also a cosponsor.
- March 11: Jay Ayers, President of Sebco, a real estate holding company that owns aquatic lands under Pier 54, addressed the SRTWG. Mr. Ayers complimented the Program on progress made towards waterfront sediment remediation and expressed serious concerns with regard to the ongoing liabilities of waterfront property owners. He stated the willingness of Ivar's and Sebco to cooperate with remedial efforts undertaken on the waterfront. Ivar's has since provided locations for sampling and monitoring equipment at Pier 54, needed to conduct the Waterfront Recontamination Study (see below).
- April 1: The Panel authorized Ecology to manage a study of the potential for recontamination of sediment remediation projects along the Seattle Waterfront.

The Panel adopted the 1994 budget.

- April 14: A habitat development workshop was conducted to update the public on progress in developing selection criteria for candidate habitat sites.
- April 21: A sediment remediation workshop was conducted to update the public on the sediment remediation site selection process.

- May 6: *Elliott Bay/Duwamish Restoration Program 1992 annual report*, presented by the Administrative Director, was approved by the Panel.
- May 20: The HDTWG, having received public nominations for habitat development proposals at Puget Creek, Longtellow Creek, Riverbend Park and Smith Cove, visited these sites and conducted site evaluations. For results of the evaluation and a description of proposed habitat development sites, please refer to the *Draft Concept Document* and the *Concept Document Conclusion*, available from the Administrative Director.
- May 21: Pat Romberg presented sampling results indicating that the Pier 53 project had been recontaminated. During a monitoring cycle conducted as part of the permit requirements for the project, an oil sheen and creosoted wood debris were noted in samples taken on the cap. A strong creosote odor and the presence of a "black, mayonnaise-like substance" was observed at a Colman Dock wing wall demolition site, immediately to the south of the Pier 53 project. Subsequent chemical analysis has confirmed the presence of aromatic hydrocarbon compounds in the samples, consistent with weathered creosote. The results will be made available in the report of the second monitoring cycle.
- May 22 – 23: An open house of the NOAA Ship McARTHUR at Pier 70 provided an opportunity to present information about the Program to the public. Program representatives set up displays and presented information to several hundred members of the public who came aboard to tour the ship. A one-page informational handout was distributed.
- May 27: King County Surface Water Management and City Light staff met with the HDTWG to discuss a proposed combustion turbine project at City Light North (Site 5). Mike O'Neil of KCSWM noted the desirability of coordinating efforts on the lower Duwamish River to effectively manage habitat restoration, surface water management, and development goals for the Turning Basin area.
- June 3: The Panel adopted Resolution 1993 – 11, which designates The City of Seattle and Metro as project managers of sediment remediation projects undertaken by the Panel. Approval of expenses will be on a project-by-project basis.
- June 17: The technical working groups toured Elliott Bay and the Duwamish River aboard NOAA 1214.

- June 24: David Jamison of DNR presented the results of the Elliott Bay Cooperative effort, which had been co-sponsored by the Panel. The cooperative had been undertaken to discuss DNR concerns with regard to aquatic lands management in Elliott Bay, and to establish a more effective process for negotiations over land management decisions. The results were published as *Development of an Aquatic Management Plan for Elliott Bay and the Duwamish Estuary: A Study*. The other contributors were the EPA, Puget Sound Water Quality Authority, DNR, the NOAA Restoration Center and the Port of Seattle.

Ecology was authorized to proceed with Task 1 and 2.1 (Project Management, Literature Search and Work Plan) of the Waterfront Recontamination Study.

- July 8: Patrick McLaren of Geo Sea Consulting presented the method for sediment transport analyses he has performed and he also provided examples of his work in Canada, the Netherlands and the United States before an audience of Program participants and potential Waterfront Recontamination Study contributors. The presentation had been requested by the Panel as part of the development of a Waterfront Recontamination Study.

- July 22: City of Seattle representatives suggested to the HDTWG that if a combustion turbine facility were sited at the Duwamish River, the footprint may leave a reasonable area for a habitat project, and that this project could include the daylighting of Hamm Creek across a portion of the City Light property.

- July 29: The Fox Avenue CSO, having been nominated as a potential sediment remediation site by NOAA, was added to the site evaluation list and identified as a low priority site.

- August 5: Resolution 1993 – 14, which describes the management of the Waterfront Recontamination Study, and which contains the Scope of Work, was adopted by the Panel. The primary objective of the study is stated in the Scope of Work as follows: "The Panel has directed Ecology to provide preliminary information needed to answer the following general question by February 1995: Is it feasible for the Panel to undertake sediment remediation projects within the waterfront area by 1997?" Teresa Michelsen of Ecology is the designated project manager.

- August 12: A panel of experts met to advise and comment on the field investigation portion of the Waterfront Recontamination Study. The panel

of experts provided technical advice on the placement of sediment traps and sampling equipment, data collection requirements, and additional sediment sampling.

- September 2: The remaining portion of Task 2 of the Waterfront Recontamination Study – Mobilization, Sampling, Physical/Chemical Analyses and Quality Assurance Review, Field Investigation Report– was authorized by the Panel and attached to Resolution 1993 – 14.
- September 29: A public meeting was held to present the *Draft Concept Document* and outline the site selection process for the public.
- October 4: Field work for the Waterfront Recontamination Study began. The field work is expected to continue through September of 1994.
- October 21: A special meeting of the Panel was convened in order to discuss and review public comments on the *Draft Concept Document* during the September 29 public meeting and within the 30 day comment period. Habitat nominations received were scheduled for site visits and ranking. The results of the site selection process will be presented in a Concept Document Conclusion (see page 1).
- October 28: Glen St. Amant of the Muckleshoot Tribe announced that The Turning Basin Shoreline Improvement Fund proposal, which the Panel had agreed to cosponsor, was approved by the SIF Committee for 60% of acquisition costs. The Muckleshoot Tribe requested the HDTWG to evaluate the site as a potential habitat development site.
- November 4: Panel objectives for habitat development projects were formalized. In particular, the Panel will seek to develop projects in each of three geographic focus areas (see Panel Resolution 1993-19, on page 30, and the 1993 summary of the HDTWG, on page 11). The Seaboard Lumber Site was selected as the first habitat development project to be undertaken by the EB/DRP, pending successful acquisition of the property.

A Panel Resolution identified four sites initially selected for the development of cleanup study workplans, the first step in the sediment remediation process. The sediment sites selected were: Norfolk Street CSO/Storm Drain, West Michigan Street CSO, Diagonal Way CSO/Storm Drain, Duwamish Pump Station CSO. Metro and The City were authorized to proceed with the development of cleanup study workplans for these sites, having provided a proposal for the remediation of these sites.

- November 9: The Muckleshoot Tribe's proposed project at the Turning Basin was evaluated by the HDTWG, and was placed within the high priority grouping of potential habitat development sites.
- November 18: An additional site nomination was received by the Panel as part of the public comment process for the *Draft Concept Document*. This site, (the "Pier One site") was visited by the HDTWG. Following the site visit, the site was evaluated and placed in the medium priority grouping of potential habitat development sites.
- December 2: The contract for Task 3 (Modeling) of the Waterfront Recontamination Study was awarded to Converse Consultants, Northwest.

Pat Romberg presented final copies of *Pier 53 Sediment Cap and Enhanced Natural Recovery Area Remediation Project* to the Panel. The report contains the results of the pre- and post construction monitoring cycles of this Panel-sponsored project managed by Metro and The City of Seattle.

NOTE: The Administrative Record of the Elliott Bay/Duwamish Restoration Program is available by appointment. The Administrative Record contains a complete set of meeting minutes, decision documents, accounting documents and other records which are available to the public. Contact:

Elliott Bay/Duwamish Restoration Program
 C/O NOAA Damage Assessment and Restoration Center Northwest
 7600 Sand Point Way Northeast (DARC)
 Seattle, WA 98115 - 0070
 TEL: (206) 526-4338 or 4348

Public Participation Committee 1993 Summary

Margaret Duncan, Suquamish Tribe

The Public Participation Committee was established to assist the Panel in the development and implementation of a public participation plan. During 1993, the Committee assisted with five informational meetings and workshops and engaged in other public outreach and educational activities. The Committee also assisted in identifying cooperative efforts with other agencies and organizations to further overall regional restoration goals for Elliott Bay and the Duwamish River.

Special Informational Meetings and Workshops

Five special meetings and workshops were held at Federal Center South to gain public input and comment on the Panel's approach to habitat development and sediment remediation project identification and selection, and environmental review. An early February open house and informational meeting provided an opportunity for members of the public to learn about the Panel's foundation, mission, purpose, and approach. Two separate workshops were held in April on project identification and selection, giving the Habitat Development Technical Working Group and the Sediment Remediation Technical Working Group members the opportunity to have a more detailed discussion with the public. Pursuant to input received at regularly scheduled Panel meetings and special meetings and workshops, the Panel produced a Draft Concept Document, describing the program, environmental conditions, and potential project inventory and project selection approach. Public comments were received on the Panel approach and the Draft Concept Document at a special informational meeting in September of 1993. The following month, the Panel held a special meeting to discuss the results of the September evening meeting and review written and verbal comments received on the Draft Concept Document.

Public Outreach and Educational Activities

During 1993, the Public Participation Committee refined the mailing list, which includes names and addresses of approximately 700 individuals, community organizations, businesses, agencies and governments. Both the mailing list and the media list, including newsletters to which announcements of Panel events are sent, are continually updated in order to reach as many interested members of the public as possible. The Committee also assisted with the development of fact sheets, slides, display boards, and other informational materials describing Panel activities.

One of the important requirements under the Panel's Public Participation Plan is the development of an Administrative Record. During 1993, the Committee worked with the Panel to identify material which should appear in the Administrative Index, which is available for review through the Administrative Director of the Panel. Pursuant to public input, an abbreviated version is also available at the Seattle Public Library (Downtown Branch).

The Committee continually seeks opportunities beyond regular and special meetings and workshops to inform and involve the public in the Panel's approach to restoration, sediment remediation, and source control. In addition to describing Panel activities to approximately six hundred members of the public aboard the NOAA Ship McARTHUR during two days as part of Maritime Week, Public Participation Committee and technical working group members gave presentations to at least fifteen service organizations, professional associations, elected boards, and college classes during 1993. These included the Friends of the Duwamish, University of Washington and Everett Community College classes, the Lion's Club, the Kiwanis Club, and Greater Harbor 2000. Outreach activities also included meeting with the Citizen's Water Quality Advisory Committee Facilities Planning Subcommittee and a slide presentation to the King County Surface Water Management Division. Papers were also presented at the Pacific Northwest Pollution Control Association conference and the National Wetlands Engineering Workshop held in St. Louis.

Collaborative Efforts and Stewardship

Collaborative efforts with other governments, agencies, and organizations are an important component of the Panel's approach to public involvement and education. Toward this end, the Panel has offered continual support to Coastal America and other organizations sponsoring restoration projects along the Duwamish River. The Panel provided testimony in support of the Muckleshoot Indian Tribe's request for Metro's Regional Shoreline Improvement Funds for the acquisition of a potential restoration project site. Panel members also participated in a Seattle City Council Parks and Public Grounds Committee public hearing in support of the Seaboard Lumber site acquisition.

In another initiative to encourage public involvement in the project selection process, the Public Participation Committee developed a Habitat Development Potential Project Site Nomination Worksheet which was utilized by individuals and organizations to bring potential projects to the Panel's attention. Organizations that submitted nominations to the Habitat Development Technical Working Group included the Magnolia Community Club, the Pigeon Point Community Council, Greater Harbor 2000, Save Our Shoreline, the Puget Ridge Council, and the Duwamish Valley Neighborhood Preservation Coalition. Representatives of these organizations, as well as individuals who utilized the nomination form, were invited to meet with the Habitat Development Technical Working Group to discuss their nominations.

Habitat Development Technical Working Group 1993 Summary

Curtis Tanner, US Fish and Wildlife Service

1993 was an important year for the Habitat Development Technical Working Group. during this period, the group's collective vision of the direction of this element of the Elliott Bay/Duwamish Restoration Program has coalesced, and we are moving ahead with a sense of purpose. During the early part of the year, the group grappled with the evaluation and ranking of potential habitat sites, applying the criteria developed previously to our ever-growing list of sites. Concept drawings rendered for us by Craig Cornu gave us a common understanding of what a "restoration site" might look like, and also allowed us to share these ideas with the public, soliciting feedback and refining our vision. This public participation process also brought our attention to sites of which we were not previously aware, and challenged us to consider new opportunities.

The final outcome of the new site ranking and public comment period was a much clearer understanding of what lies ahead, and a new standard by which to measure future accomplishments. In reviewing site evaluation information developed over the past 18 months, a pattern began to emerge. Clusters of high potential restoration sites were noted in three portions of the project area:

- in the vicinity of **Turning Basin Number Three**, at the upper end of the Duwamish Waterway,
- around **Kellogg Island**, in the lower portion of the estuary, and
- along the shoreline of **Elliott Bay**, in the nearshore environment of the marine system.

From this has emerged the concept of "geographic focus areas". It is the consensus of the HDTWG that our minimum level of acceptable performance would be the completion of at least one habitat restoration project within each of the three geographic areas identified above. Doing so would ensure that Panel funds were distributed throughout the project area, and thus better assist a variety of fish and wildlife species. This minimum

SITE 28

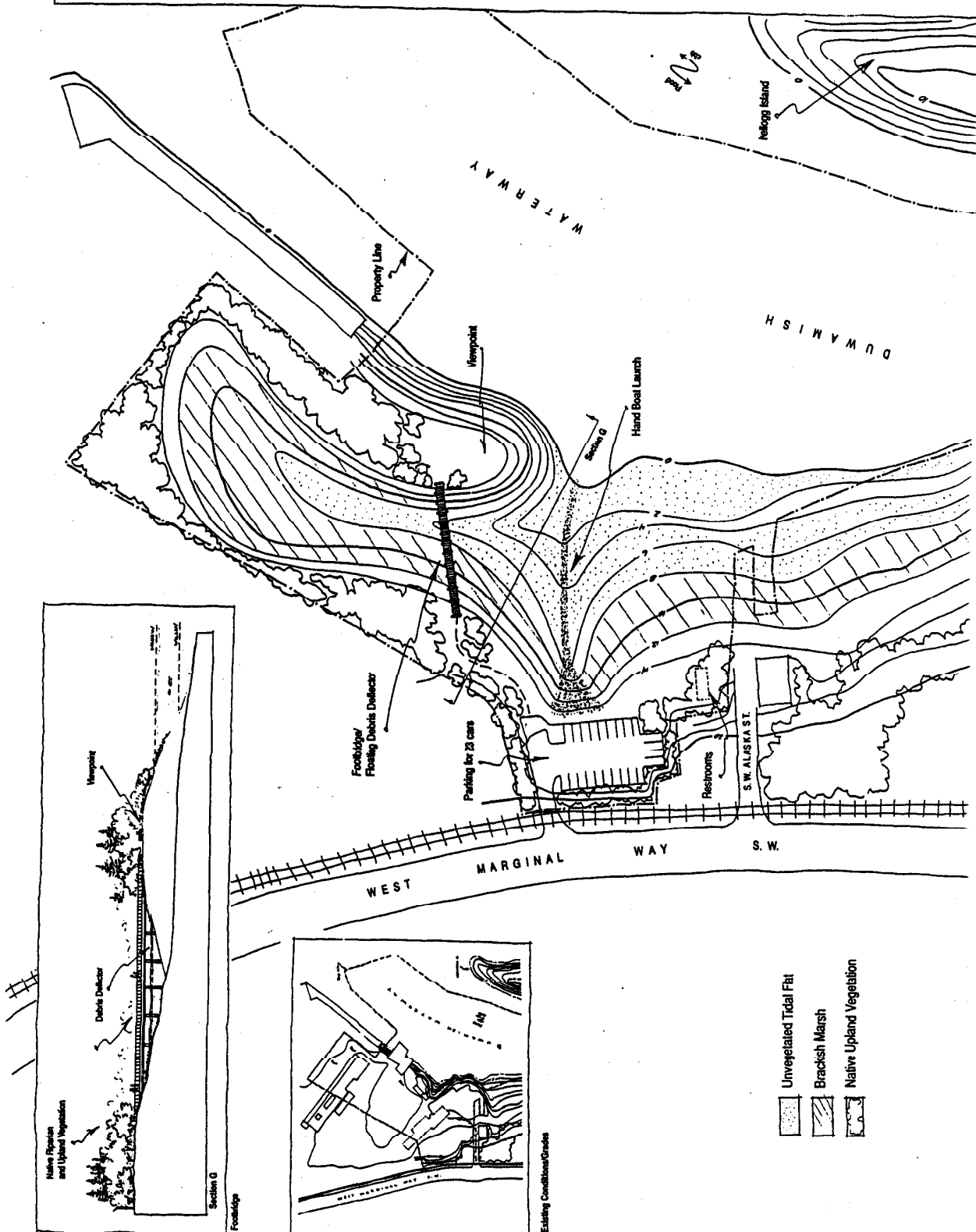
**Elliot Bay/Duwamish
Reclamation Program**

Conceptual Design for Habitat Enhancement and Unmolested Boat Ramp

Total Site Acquire: 14.9.9 submerged
Aquatic Habitat Created
Net gain in sq. ft.:
Title Flat (p-47 MLLW @ 15-40-1) absest-
+55,000
Brackish Marsh (p-124 MLLW @ 15-40-1) absest-
+40,000

15709

-This alternative assumes no motorized boat ramp at the site, but rather shows "fill building" of isolated options with limited public amenities. A hand launch for kayakers, canoe and other small boats is shown. A trail and bridge are provided for public access. The boat bridge would double as a screen to enclose debris from backwater areas. A large area is excavated and degraded to elevations suitable for fish and wildlife habitat. A small area is excavated to provide a spit along the north shoreline of the site to provide both wave protection and a viewpoint.



level of performance appears feasible within the bounds of available funding. Doing more than achieving a "passing" grade would require completion of additional projects, which might be viewed as connectors between areas of focused habitat restoration efforts. Undertaking more than three projects will require leveraging of available Panel funds with resources from other parties, and necessitate considerable efforts at coordination and cooperation.

This type of creative partnership is being pursued in the first habitat development project selected by the Panel, Seaboard Lumber. This site addresses our goal of completing a project in the vicinity of Kellogg Island. Implementation of a project at this site will combine Seattle Parks and Recreation Department land acquisition and in-kind service contributions with Panel implementation funds. Some of the pre-project assessment work will be funded by a matching grant from the U. S. Army Corps of Engineers. Similar partnership opportunities will be pursued during 1994 as the HDTWG moves ahead to develop projects in the other two geographic focus areas.

Sediment Remediation Technical Working Group 1993 Summary

Pat Romberg, King County Department of Metropolitan Services (Metro)

The Sediment Remediation Technical Working Group was established by the Panel to provide technical advice on the selection and remediation of contaminated sediment. This group met regularly during 1993 to review and comment on proposed work, review reports drafted as part of the sediment remediation efforts of the Program, and to prepare recommendations to the Panel on site selection and related matters.

The group identified 24 potential remediation sites associated with Metro and City of Seattle combined sewer overflows and storm drains. Sites were numerically ranked based on the following seven criteria:

- Adequate control of sewer overflows and storm drains and industrial input to prevent recontamination.
- Potential for addressing injury to target species/fish.
- Potential to incorporate other habitat improvements or proximity to other habitat restoration or sediment remediation sites.
- Potential for human health risk.
- Potential for public education projects.
- Potential for coordination with other projects.

Additional factors were considered to initially select four sites for proceeding with the development of cleanup study workplans. After a public comment period, Metro and The City of Seattle were authorized by the Panel to develop cleanup study plans for Diagonal Way CSO/Storm Drain, West Michigan Street CSO, Norfolk Street CSO/Storm Drain. These plans will guide the Panel in authorizing future site investigations and in the evaluation of cleanup alternatives for each site.

Several sites along the Seattle waterfront ranked as high priority sites for cleanup, but before selecting the sites for cleanup the group recommended that additional information was needed about potential recontamination processes in the waterfront area. To obtain this information, the Panel authorized Ecology to conduct the Waterfront Recontamination Study. The

study involves computer modeling with data collected by oceanographic methods in Elliott Bay.

The first monitoring report drafted by Metro for the Pier 53 – 55 sediment remediation project was twice reviewed by the SRTWG and finalized. This project was adopted in 1992 as part of the Program, and involved standard sediment capping methods as well as an experimental enhanced natural recovery area. Metro conducted baseline sampling after construction in 1992 and again one year later in 1993.

**ELLIOTT BAY/DUWAMISH RESTORATION PROGRAM PANEL
1993 Resolutions**

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Contained in the following section are the 24 Panel resolutions of 1993. The attachments to the resolutions have not been included here for the sake of brevity. The attachments are contained in the Administrative Record of the Elliott Bay/Duwamish Restoration Program, and may be obtained from the Administrative Director upon request (see flyleaf for information).

Resolution Number 1993 - 1

Consent Decree: ¶ 9 a.

Adopted: 3/4/93

PROPOSED AMENDMENT TO BY-LAWS

Propose amending Article III as follows: (underlined words are new) – insert the new words and delete words through which lines are drawn:

Article III. Meetings:

1. Regular Meetings. All Panel, technical working group, and committee meetings will be open to the public unless the Panel, the technical working groups, or the committees choose by majority vote to conduct Panel a meeting or portion thereof in executive session.
2. Agenda. All Panel, technical working group and committee meeting agendas will include a time and space allocation for the public/non-Panel members to appear before the Panel, technical working groups, and committees and share their ideas, comments, and views on Panel activities.
3. Meeting Conduct. Member groups only shall participate in Panel, technical working group, and committee meeting agenda discussions and decision making processes. If public/non-Panel members wish to appear before the Panel, technical working groups and committees and contribute to Panel agenda discussions such public/non-Panel members must either contact the Chairperson in advance of the Panel meeting and request special placement on the agenda per the requirement of Article III, 2. or attend the Panel meeting and be heard during the regularly scheduled "Public Comment" period reserved on the Panel meeting agenda.

Resolution Number 1993 – 2

Consent Decree: Recitals J and K.

Adopted: 3/4/93

The Elliott Bay/Duwamish Restoration Program (EB/DRP) Panel shall serve as co-sponsor of record with the Muckleshoot Indian Tribe as sponsor for a Shoreline Improvement Fund pre-application to purchase Kenco Marine Services Inc. property near Turn Basin No 3. The Administrative Director is authorized to sign a letter of support on behalf of the Panel.

Resolution Number 1993 – 3

Consent Decree: ¶ 16.

Adopted: 3/4/93

The Elliott Bay/Duwamish Restoration Program Panel hereby accepts the Suquamish Tribe Elliott Bay FTE Budget for 1993 (attached), stipulates that the budget is reasonable as proposed, and anticipates a future request for reimbursement in an amount equal to or less than \$34,624.50 for FTE expenses in calendar year 1993.

Resolution Number 1993 – 4

Consent Decree: ¶ 16.

Adopted: 3/4/93

The Elliott Bay/Duwamish Restoration Program Panel hereby accepts the "Muckleshoot Indian Tribal Council Operating Budget for Period 1/01/93 – 12/31/93 Elliott Bay Panel of Managers Technical Support" (attached), stipulates that the budget is reasonable as proposed, and anticipates a future request for reimbursement in an amount equal to or less than \$44,941.50 for FTE expenses in calendar year 1993.

Resolution Number 1993 - 5

Consent Decree: ¶ 10 a.

Adopted: 3/4/93

In accordance with Consent Decree paragraph 10 (a) and Panel Resolution 1992-10, the Elliott Bay/Duwamish Restoration Program Panel (the "Panel of Managers" established by the Consent Decree) hereby authorizes disbursements from the registry account to the payees specified below and as requested by the attached invoices and memoranda.

<u>Payees</u>	<u>Amount of disbursement</u>
Secretary of the Interior	\$16,352.30
Address: Fish and Wildlife Service Ecological Services 3704 Griffin Lane S.E., Suite 102 Olympia, WA 98501 - 2192 Attn: Alisa Ralph	
Muckleshoot Indian Tribe	\$29,930
Address: Muckleshoot Indian Tribe 39015 172nd Avenue S.E. Auburn, WA 98002 Attn: Eric Durban, Comptroller	
Suquamish Indian Tribe	\$7,163.82
Address: The Suquamish Tribe P.O. Box 498 Suquamish, WA 98392 Attn: Margaret Duncan	

Resolution Number 1993 - 6

Consent Decree: ¶ 9 (h) and ¶ 10 (b).

Adopted: 4/1/93

The Panel hereby resolves that the Department of Ecology is authorized to manage a study of the recontamination and resuspension of sediments along the Seattle Waterfront. The Panel authorizes the Department of Ecology to spend up to \$10,000 to develop a scope for the study and to assemble sampling equipment.

Resolution Number 1993 - 7

Consent Decree: ¶ 11.

Adopted: 4/1/93

ELLIOTT BAY/DUWAMISH RESTORATION PROGRAM

1994 BUDGET

April 1, 1993

I.	PANEL FUNCTIONS SUPPORT	
•	1. Administrative Director Salary and Overhead	70k
•	2. Public Participation	15k
•	3. Trustee Reimbursement	<u>150k</u>
	Subtotal	235k
II.	PLANNING AND DESIGN	
	1. Tribal F.T.E.s	
•	Muckleshoot Tribe (1/2 x 90K)	45k
•	Suquamish Tribe (1/2 x 70k)	<u>35k</u>
		80k
•	2. Habitat Development Planning and Design	314k
•	3. Sediment Remediation Planning and Design	<u>525k</u>
	Subtotal	919k
III.	PROJECT IMPLEMENTATION	
•	1. Sediment Remediation	0
•	2. Habitat Restoration	<u>520k</u>
	Subtotal	520k
IV.	1994 Sediment Remediation Budget	
	1. 70.6% Administrative and Program Planning Costs (315k)	222k
	2. Sediment Remediation Planning and Design	525k
	3. Sediment Remediation Implementation	<u>0</u>
	Subtotal	747k
V.	1994 Habitat Development Budget	
	1. 29.4% Administrative and Program Planning Costs (315k)	93k
	2. Habitat Development Planning and Design	314k
	3. Habitat Development Implementation	<u>520k</u>
	Subtotal	927k
VI.	1994 Program Total	\$1,674,000

Resolution Number 1993 - 8

Consent Decree: ¶ 9 (a), (f) and ¶ 18.

Adopted: 4/1/93

The Panel hereby amends Panel Resolution 1992 - 18 so that it now reads as follows: The Panel establishes the Public Participation Committee to advise the Panel on public participation, provide dissemination of information, and otherwise perform in accordance with Paragraphs 9 (f) and 18 of the Consent Decree.

Resolution Number 1993 - 9

Consent Decree: ¶ 10 and ¶ 26.

Adopted: 4/1/93

The Elliott Bay/Duwamish Restoration Program Panel hereby approves the expenditure of additional funds in the amount of \$4,065 as part of the credit to be applied towards Metro and City of Seattle obligations under the Consent Decree. The additional amount of credit granted is to be used to complete the *Pier 53 - 55 Sediment Cap & Enhanced Natural Recovery Area Project*, a report of the 1992 monitoring cycle. The total credit granted for the Pier 53 Sediment Remediation Pilot Project is \$226,825.00 as of this resolution.

Resolution Number 1993 - 10

In accordance with Consent Decree paragraph 10 (a) and Panel Resolution 1992-10, the Elliott Bay/Duwamish Restoration Program Panel (the "Panel of Managers" established by the Consent Decree) hereby authorizes disbursement from the registry account to the payee specified below and as requested by the attached invoice and memorandum.

<u>Payee</u>	<u>Amount of disbursement</u>
Department of Ecology	\$7,197.87

Address: Attention: Cashiering Section
Post Office Box 5128
Lacey, Washington 98503 - 0210

Resolution Number 1993 - 11

Consent Decree: ¶ 10 and ¶ 14.

Adopted: 5/6/93

The Elliott Bay/Duwamish Restoration Program Panel authorizes the disbursement of funds from the Registry Account for the reimbursement of the National Oceanic and Atmospheric Administration (NOAA) for time and expenses of personnel fulfilling Administrative Director duties in accordance with Panel Resolution 1992-1 from October 1, 1992 through March 31, 1993 in the amount of \$19,224.78.

The Elliott Bay/Duwamish Restoration Program also authorizes the disbursement of funds from the Registry Account for the reimbursement of NOAA for time and attendance of personnel in accordance with Consent Decree Paragraph 10. a. in the amount of \$38,604.46.

The Clerk of the United States District Court, Western District of Washington, is hereby requested to issue a check from the Registry Account in the amount of \$57,829.24 payable to Department of Commerce, NOAA.

Mailing Address: Manager,
NOAA Damage Assessment Center
N/ORCAx1 SSMC 4
1305 East -West Highway
Silver Spring MD 20910

Resolution Number 1993 - 11b³

Consent Decree: ¶ 13
Adopted: 6/3/93

The Elliott Bay/Duwamish Restoration Panel, having polled all members for a statement of interest, hereby authorizes the City of Seattle and Metro to serve as manager(s) (by mutual agreement) for future Panel-authorized sediment remediation projects. Approval of expenses will be on a project-by-project basis.

Resolution Number 1993 - 12

Consent Decree: ¶ 16
References: Panel Resolutions 1993-3 and 1993-5
Adopted: 6/24/93

The Elliott Bay/Duwamish Restoration Program Panel hereby approves the disbursement of funds from the Registry Account in the amount of \$34,563.06 for FTE expenses in accordance with the Suquamish Tribe's "Elliott Bay FTE Budget for 1993" which was approved by the Panel at the March 4, 1993 meeting by Resolution 1993-3. This amount represents the Panel's 1/2 of the Suquamish Tribe FTE budget for 1993, less \$61.44 to adjust the Suquamish Tribe's 1992 trustee reimbursement (Resolution 1993-5, see attachment). The Panel therefore requests that the Clerk, U.S. District Court, issue a check in the amount of \$34,563.06, payable to the Suquamish Indian Tribe, and mail it to the following address:

The Suquamish Tribe
Attention: Phyllis Meyers
P. O. Box 498
Suquamish, WA 98392

³ Inadvertently, there were two resolutions designated as "1993 - 11". The second such resolution has been changed to Resolution Number 1993 b to avoid further confusion.

Resolution Number 1993 - 13

Consent Decree: ¶ 9 (h) and ¶ 10 (b)
Reference: Panel Resolution 1993-6
Adopted: 6/24/93

The Elliott Bay/Duwamish Restoration Program Panel hereby authorizes the Washington State Department of Ecology (DOE) to proceed with Tasks 1 and 2.1 of the Waterfront Recontamination Study as described in the attached Scope of Work, dated July 8, 1993.

Resolution Number 1993 - 14

Consent Decree: ¶ 9 (h) and ¶ 10 (b).
References: Resolution 1993-6 (Develop scope of work; assemble sampling equipment) and Resolution 1993-13 (Authorization to conduct Tasks 1 and 2.1).

Adopted: August 5, 1993

INTRODUCTION

This Resolution establishes the framework by which the Washington State Department of Ecology (Ecology) will be authorized to conduct the Waterfront Recontamination Study (Study): A. Limiting conduct of the Study to those tasks approved by the Elliott Bay/Duwamish Restoration Program Panel (Panel) while granting Ecology sufficient assurances that the Panel will proceed with the Study; B. Providing for Registry Account funds to be set-aside for the Study; C. Establishing procedures for reimbursement of Ecology costs; and; D. Establishing procedures for amendment.

The Panel hereby assures Ecology that it is the intent of the Panel to proceed with the Study through completion of Task 2, subject to the following:

A. CONDUCT OF THE STUDY WORK TO BE CONDUCTED

The Panel hereby authorizes Ecology to manage and implement the Study in accordance with the attached Scope of Work. The Scope of Work and its revisions are incorporated into this resolution by reference. The Scope of Work, and attachments (Field investigation planning meeting; Study schedule; and Detailed budget) are accepted by the Panel with the understanding that revisions are likely to occur. Amendments will follow the procedures outlined in the Amendments paragraph of this resolution.

PERIOD OF PERFORMANCE

This Resolution shall be effective on the date it is adopted by the panel and shall remain in effect for a period of three years from that date, unless terminated or extended by Amendment.

Ecology will not begin work on any aspect of the study until the scope of work for that task has been finalized and approved by the Panel and Ecology has been authorized to begin. (For example, as of July 15, 1993, Task 1 through Task 2.1 have been approved, for a total of \$50,000)

B. SET-ASIDES DEFINED

Money will be set aside each year in the registry account to cover the amounts established by Resolution 1993-14. These amounts have been set-aside for the Waterfront Recontamination Study to be conducted by Ecology: \$100,000 in calendar year 1993, \$200,000 in calendar year 1994, and \$100,000 in calendar year 1995, for a Study total of \$400,000. Amounts not used in any allocated year may be used in the subsequent year, in addition to the subsequent year's allotment, provided the Study total does not exceed \$400,000. These yearly amounts and the total Study amount may be revised by signature of representatives of the Panel and Ecology, upon finalization of the Scopes of Work for Tasks 2 and 3.

C. REIMBURSEMENT OF COSTS

Ecology shall invoice the Panel for costs incurred on a quarterly basis, within two months of the end of each quarter. Invoices shall be sent to the Administrative Director of the Panel who will request reimbursement from the Court Registry Account. The first invoice may cover more than a quarter and include all work done on the Study prior to and including September 1993. Costs incurred shall include costs of direct activities and support costs of direct activities. Ecology shall maintain all records supporting every request for payment in a manner which will provide an audit trail of the expenditures made pursuant to this Resolution and shall be available to the Panel or its representatives upon request.

Costs incurred by Ecology before the effective date of this Resolution may be invoiced as part of this Resolution provided the work has been authorized by the Panel.

A written progress report, describing work conducted and amounts expended, will be submitted for each quarter. Oral progress reports will be presented at each panel meeting.

All invoices submitted by Ecology pursuant to pre-authorized tasks will be paid directly without the need for a Panel vote. Resolution 93-13 (Authorization for Tasks 1 and 2.1) is incorporated by reference. The need for a vote by the Panel on disbursement is superseded by this resolution.

D. AMENDMENTS

The Panel may amend this Resolution or its Attachments. If any of the Attachments to this Resolution are amended by the Panel, the amended Attachments will become part of this Resolution by reference. Ecology may not revise or modify the Scope of Work without Panel approval. Ecology shall be notified in writing of any amendments adopted by the Panel in advance of work to be conducted that would be affected by the amendments.

Resolution Number 1993 - 15

Consent Decree: ¶ 10 and ¶ 14.

Adopted: 8/5/93

The Elliott Bay/Duwamish Restoration Program Panel authorizes the disbursement of funds from the Registry Account for the reimbursement of the National Oceanic and Atmospheric Administration (NOAA) for time and expenses of personnel fulfilling Administrative Director duties in accordance with Panel Resolution 1992-1 from April 1, 1992 through June 30, 1993 in the amount of \$10,762.55.

The Clerk of the United States District Court, Western District of Washington, is hereby requested to issue a check from the Registry Account in the amount of \$10,762.55 payable to Department of Commerce, NOAA.

Mailing Address: Manager,
NOAA Damage Assessment Center
N/ORCAx1 SSMC 4
1305 East -West Highway
Silver Spring MD 20910

Resolution Number 1993 - 16

Consent Decree: ¶ 16

References: Panel Resolutions 1992 - 11 and 1992 - 26

Adopted: 8/5/93

The Elliott Bay/Duwamish Restoration Program Panel hereby approves the disbursement of funds from the Registry Account in the amount of \$44,941.50 for FTE expenses in accordance with the Muckleshoot Indian Tribe's FTE budget for 1993 which was approved by the Panel at the March 4, 1993 meeting by Resolution 1993-4. This amount represents the Panel's 1/2 of the Muckleshoot Tribe FTE budget for 1993. The Panel therefore requests that the Clerk, U.S. District Court, issue a check in the amount of \$44,941.50, payable to the Muckleshoot Indian Tribe, and mail it to the following address:

The Muckleshoot Indian Tribe
Eric Durban, Comptroller
39015 172nd Avenue Southeast
Auburn, Washington 98002

Resolution Number 1993 - 17

References: Resolutions 1992-11,26 (Elliott Bay Cooperative)

Adopted: 11/4/93

The Elliott Bay/Duwamish Restoration Program Panel hereby authorizes the disbursement of funds from the registry account in the amount of up to \$7,500 as the Panel's remaining contribution to the Elliott Bay Cooperative.

Upon receipt of an invoice from the Washington Department of Natural Resources, the Administrative Director is authorized to file a motion requesting that the Clerk, U.S. District Court, issue a check in the amount of the invoice and payable to "Department of Natural Resources".

Mailing Address:

Department of Natural Resources
Financial Services Division
Attn: Marcia Wendling
PO Box 47041
Olympia, Washington 98504 - 7041

Resolution Number 1993 - 18

Consent Decree: ¶ 9 (h) and ¶ 10 (b).

References: Panel Resolutions 1993-6, 13 and 14.

Adopted: 11/4/93

The Elliott Bay/Duwamish Restoration Program Panel authorizes Ecology to conduct Tasks 3.1 and 3.2 of the Waterfront Recontamination Study, which includes management and development of a work plan for the modeling tasks.

Resolution Number 1993 – 19

Consent Decree: ¶ 9 (h).

Adopted: 11/4/93

The Elliott Bay/Duwamish Restoration Program Panel hereby determines that:

The Elliott Bay/Duwamish Restoration Program will seek to develop a habitat project in each of three geographic focus areas. These areas are:

- The Turning Basin No 3, at the upstream end of the Duwamish Waterway;
- The area near Kellogg Island;
- Along the shoreline of Elliott Bay.

The Panel has found that:

The proximity of Seaboard Lumber to Kellogg Island, and the opportunity for a joint project with the Department of Parks and Recreation makes this site the most attractive of potential sites in this focus area. The Seaboard Lumber proposal has been well received by a variety of audiences at public meetings sponsored by EB/DRP and the Seattle Department of Parks and Recreation.

Therefore, the Panel hereby resolves that the Seaboard Site is the first habitat development project to be undertaken by the Panel. The development of this site depends upon several factors, including, but not limited to the following: a satisfactory proposal for site development, the successful acquisition of the property, a favorable environmental site assessment, and a site design that meets the goals of the Panel in consultation Habitat Development Technical Working Group.

The Panel hereby requests a proposal for the development of the Seaboard Site from the any interested Panel member(s), which will include the identification of a project manager (or managers) who will begin working with the Habitat Development Technical Working Group in the development of the proposal.

Resolution Number 1993 - 20

Consent Decree: ¶ 9 (h).

Adopted: 11/4/93

The Elliott Bay/Duwamish Restoration Program Panel, after the evaluation of many potential sediment remediation sites in the Duwamish River and in Elliott Bay, and after substantial public review, hereby resolves that the following sites are initially selected for development of cleanup study workplans:

- Norfolk Street CSO/Storm Drain
- West Michigan Street CSO
- Diagonal Way CSO/Storm Drain
- Duwamish Pump Station CSO.

The Panel hereby requests proposals for the development of cleanup study workplans from the any interested Panel member(s), which will include the identification of a project manager (or managers) who will begin working with the Sediment Remediation Technical Working Group in the development of these proposals.

Resolution Number 1993 - 21

Consent Decree: ¶ 9 (h), ¶ 13, ¶ 19 .

Adopted: 11/4/93

The Elliott Bay/Duwamish Restoration Program Panel hereby approves of the (attached) Sediment Remediation Proposal and authorizes Metro and the City of Seattle to proceed with the development of cleanup study workplans. Metro and the City are hereby authorized to incur up to \$53,450 as in-kind services for this purpose.

Resolution Number 1993 - 22

Consent Decree: ¶ 10 and ¶ 14.

Reference: Panel Resolution 1992-1.

Adopted: 11/4/93

The Elliott Bay/Duwamish Restoration Program Panel authorizes the disbursement of funds from the Registry Account for the reimbursement of the National Oceanic and Atmospheric Administration (NOAA) for time and expenses of personnel fulfilling Administrative Director duties in accordance with Panel Resolution 1992-1 from July 1 through September 30, 1993, in the amount of \$29,114.52.

The Clerk of the United States District Court, Western District of Washington, is hereby requested to issue a check from the Registry Account in the amount of \$29,114.52 payable to NOAA, Department of Commerce.

Mailing Address:

NOAA Finance Services Division
Bills and Collection Unit, Caller Service 7025
20020 Century Boulevard
Germantown, Maryland 20874

Resolution Number 1993 - 23

References: Resolution 1993-19, *geographic focus areas* defined.
Consent Decree: ¶ 27
Adopted: 12/2/93

The Elliott Bay/Duwamish Restoration Program Panel is a cosponsor for the regional Shoreline Improvement Fund (SIF) proposal submitted by the Muckleshoot Indian Tribe to purchase property and perform habitat development activities in the Duwamish Turning Basin No. 3. This proposal is commonly referred to as the Kenco Proposal.

The Panel understands that the project has been selected by Metro-designated Shoreline Improvement Funds for partial funding, but additional information will be required prior to awarding a contract. It is acknowledged that the Muckleshoot Indian Tribe does not have the financial resources to complete these requirements without outside funding sources.

In recognition of the value of the proposed project, the Panel resolves to underwrite the completion of the Phase I Environmental Audit Report required by SIF to an amount not to exceed \$5,000.00 (1994 funds). It is understood that the Muckleshoot Indian Tribe is seeking other means of support to minimize the expenses involved in completing the report, and will approach the Panel for support if those other sources are insufficient to complete the task.

The Habitat Development Technical Working Group evaluation of the site in conjunction with City Light South places it within the high priority group of sites. The site is located within the Turning Basin geographic focus area.

1993 Registry Account Summary

1993 Cash Disbursements From the Registry Account

Resolution:	Payee	Purpose	Amount
• 1993-5:	USFWS	(1992 Trustee Expenses)	\$16,352.30
• 1993-5:	Muckleshoot	(1992 Trustee Expenses)	\$29,930.00
• 1993-5:	Suquamish	(1992 Trustee Expenses)	\$7,163.82
• 1993-10:	Ecology	(1992 Trustee Expenses)	\$7,197.87
• 1993-11:	NOAA	(4th qtr 1992 Admin.)	\$7,154.22
		(1st qtr 1993 Admin.)	\$12,070.56
		(1992 Trustee costs)	\$38,604.78
• 1993-12:	Suquamish	(1993 Tribal FTE)	\$34,563.06
• 1993-15:	NOAA	(2nd qtr 1993 Admin.)	\$10,762.55
• 1993-16:	Muckleshoot	(1993 Tribal FTE)	\$44,941.50
• 1993-17:	DNR	(Elliott Bay Coop.)	\$7,352.35
• 1993-22:	NOAA	(3rd qtr 1993 Admin.)	<u>\$29,114.52</u>
		Subtotal:	\$245,207.53

1993 Disbursements Pending

1993 Fourth quarter Administrative Director		\$8,943.80
Trustee Reimbursement for 1993	NTE ⁴	\$150,000
Waterfront Study	NTE	\$100,000
Underwriting of Muckleshoot SIF Project	NTE	<u>\$5,000</u>
	Subtotal:	\$264,000

1993 In-Kind Services

• Public Participation	NTE	\$15,000
• Pier 53 Monitoring	Ca.	\$40,000
• Sediment Cleanup Study Workplans	NTE	<u>\$53,450</u>
	Subtotal	\$108,000

Estimated 1993 Expenditures⁵: \$511,000

Registry Account Balance as of 1/14/94: \$1,389,972.33

⁴Not to exceed.

⁵ 1993 disbursements or in-kind services authorized in 1992 were included in 1992 expenditures, which totaled \$485,678.54.

PANEL ORGANIZATION PLAN

Contents

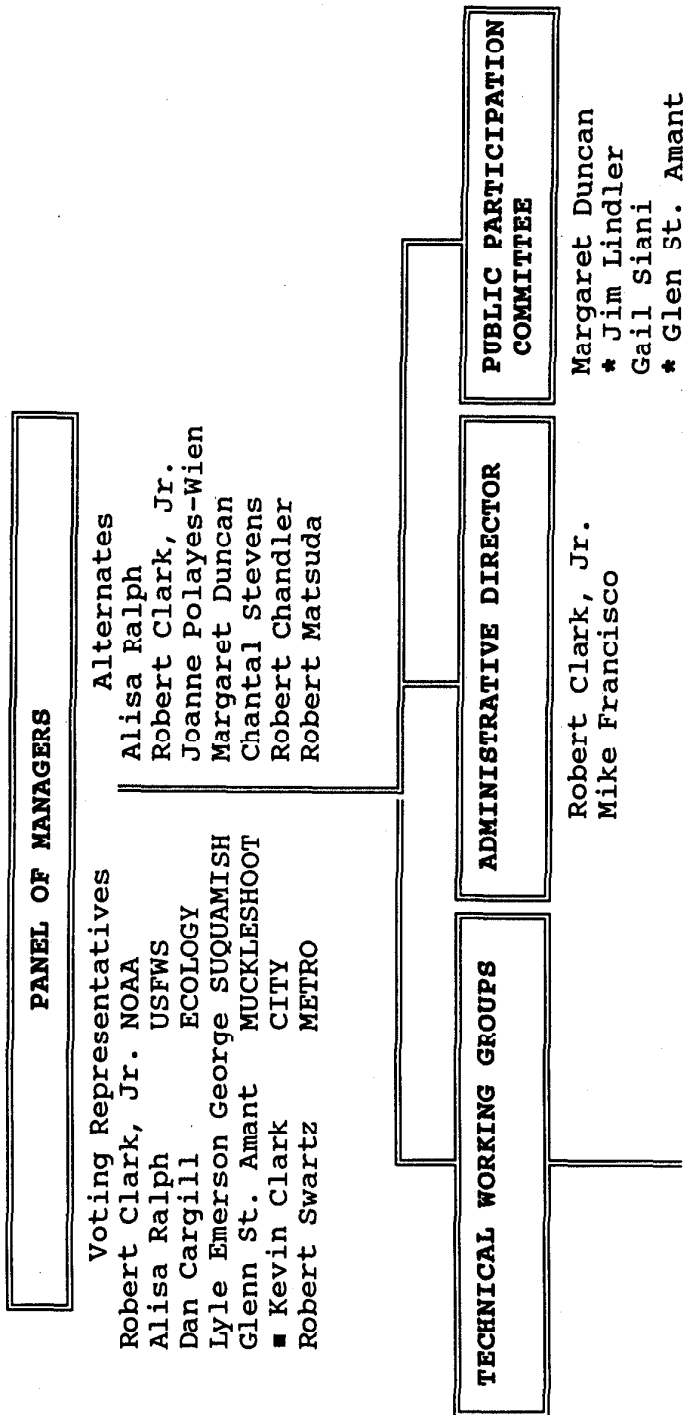
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A. ACRONYMS AND ABBREVIATIONS

BOEING	The Boeing Company
CITY	The City of Seattle
COE	U.S. Army Corps of Engineers
DOI	U.S. Department of the Interior
ECOLOGY	Washington Department of Ecology
EPA	U.S. Environmental Protection Agency
METRO	King County Department of Metropolitan Services
MUCKLESHOOT	Muckleshoot Indian Tribe
NMFS	National Marine Fisheries Service
NOAA	National Oceanic and Atmospheric Administration
NOS	National Ocean Service
PORT	Port of Seattle
SUQUAMISH	Suquamish Indian Tribe
USFWS/FWS	U.S. Fish and Wildlife Service
UW/FRI	Univ. Washington, Fisheries Research Institute
WDF	Washington Department of Fisheries
WDNR	Washington Department of Natural Resources
WDW	washington Department of Wildlife

B. ORGANIZATIONAL CHART

ORGANIZATIONAL STRUCTURE



[continued next page]

* Ex-officio member; ■ 1993 member only

TECHNICAL WORKING GROUPS

SEDIMENT REMEDIATION TECHNICAL WORKING GROUP

Pat Romberg, Chair METRO
 Justine Barton EPA
 Pat Cagney COE
 Dan Cargill ECOLOGY
 Randy Carman WDF
 Robert Chandler CITY
 Robert Clark, Jr. NOAA
 Margaret Duncan SUQUAMISH
 Mike Francisco NOAA
 Virginia Hassinger CITY
 Doug Hotchkiss PORT
 David Jamison WDNR
 Paul Johansen BOEING
 Robert Matsuda METRO
 Joan McGilton BOEING
 Teresa Michelsen ECOLOGY
 Joanne Polayes-Wien ECOLOGY
 Gail Siani NOAA
 Justine Barton EPA
 Glen St. Amant MUCKLESHOOT
 Rick Vining ECOLOGY

HABITAT DEVELOPMENT TECHNICAL WORKING GROUP

Curtis Tanner, Chair FWS
 George Blomberg PORT
 Pat Cagney COE
 Dan Cargill ECOLOGY
 Randy Carman WDF
 Robert Chandler CITY
 Robert Clark, Jr. NOAA
 Margaret Duncan SUQUAMISH
 Mike Francisco NOAA
 Virginia Hassinger CITY
 David Jamison WDNR
 Robert Matsuda METRO
 Joan McGilton BOEING
 Joanne Polayes-Wien ECOLOGY
 Gail Siani NOAA
 Charles Simenstad UW/FRI
 Glen St. Amant MUCKLESHOOT
 Martha Turvey ECOLOGY
 Rick Vining ECOLOGY

C. NAMES AND ADDRESSES OF PANEL PARTICIPANTS

P = Panel of Managers Representative

S = Sediment Remediation Technical Working Group

H = Habitat Development Technical Working Group

National Oceanic and Atmospheric Administration

Robert Clark, Jr. (P, S, H)

Phone: 206/526-4338

Mike Francisco (S, H)

Phone: 206/526-4348

National Marine Fisheries Service

Fax: 206/526-6665

Damage Assessment and

Restoration Center Northwest

7600 Sand Point Way N.E.

Seattle, WA 98115-0070

Involvement: Restoration planning

Kathy Chorostecki

Phone: 206/526-6604

Gail Siani (S, H)

Fax: 206/526-6665

NOAA General Counsel

Damage Assessment and

Restoration Center Northwest

7600 Sand Point Way N.E.

Seattle, WA 98115

Involvement: Legal

U.S. Department of the Interior

Alisa Ralph (P)

Phone: 206/753-9440

Curtis Tanner (H)

Fax: 206/753-9008

U.S. Fish and Wildlife Service

3704 Griffin Lane S.E., Suite 102

Olympia, WA 98501-2192

**Involvement: Damage assessment,
restoration planning**

Barry Stein

Phone: 503/231-2173

U.S. Department of the Interior

Fax: 503/231-2166

Regional Solicitor's Office

500 NE Multnomah, Suite 607

Portland, OR 97232

Involvement: Legal

U.S. Department of Justice

James L. Nicoll, Jr.

Phone: 206/526-6604

NOAA/DOJ Damage Assessment

Fax: 206/526-6665

7600 Sand Point Way N.E.

Seattle, WA 98115

Involvement: Legal

State of Washington

Dan Cargill (P, S, H)
Teresa Michelsen (S)
Joanne Polayes-Wien (H)
State of Washington
Department of Ecology
3190 - 160th Ave. S.E.
Bellevue, WA 98008-5452

Phone: 206/649-7263
Phone: 206/649-7257
Fax: 206/649-7098

David Jamison (S, H)
Washington Dept. of Natural Resources
P.O. Box 47027 (Mail Stop QW-21)
Olympia, WA 98504-7027

Phone: 206/902-1070
Fax: 206/902-1786

Mary McCrea
Washington Attorney General's Office
Ecology Division
P.O. Box 40117
Olympia, WA 98504-0117
Involvement: Legal

Phone: 206/459-6155
Fax: 206/438-7743

Suquamish Indian Tribe

Lyle Emerson George (P)
Phyllis Meyers
Margaret Duncan (P, S, H)
Suquamish Tribe
P.O. Box 498
Suquamish, WA 98392
Involvement: Damage assessment
and restoration planning

Phone: 206/598-3311
Fax: 206/598-4666

John Sledd
Suquamish Tribe
P.O. Box 498
Suquamish, WA 98392
Involvement: Legal

Phone: 206/598-3311
Fax: 206/598-4666

Muckleshoot Tribe

Glen St. Amant (P, S, H)
Chantel Stevens (P)
Muckleshoot Indian Tribe
Fisheries Department
39015 - 172nd Ave. S.E.
Auburn, WA 98002
Involvement: Damage assessment,
restoration planning

Phone: 206/931-0652
Fax: 206/931-0752

Robert L. Otsea
Tribal Attorney
Muckleshoot Indian Tribe
39015 172nd Avenue S.E.
Auburn, WA 98002

Involvement: Legal

Phone: 206/939-3311
Fax: 206/939-5311

City of Seattle

Robert Chandler (P, S, H)
City of Seattle
660 Dexter Horton Building
710 - 2nd Avenue
Seattle, WA 98104-1709

Involvement: Damage assessment,
restoration planning

Phone: 206/684-7595
Fax: 684-0963

Kevin Stoops
Seattle Department of Parks & Recreation
2911 Second Ave.
Seattle, WA 98121

Involvement: Seaboard Site Project Manager

Phone: 206/684-7053
Fax: 206/233-3949

Jim Tupper
City of Seattle
Seattle City Attorney's Office
Environment Section
1111 Third Ave., Suite 2640
Seattle, WA 98101

Involvement: Legal

Phone: 206/233-2199
Fax: 206/386-0048

King County Department of Metropolitan Services (METRO)

Robert Matsuda (S, H)
Robert Peterson
Pat Romberg (S)
Robert Swartz (P)
King County Dept. Metropolitan Services
Exchange Building, M/S 94
821 Second Avenue
Seattle, WA 98104

Involvement: Damage assessment,
restoration planning

Phone: 206/684-1218
Phone: 206/684-2093
Phone: 206/684-1220
Phone: 206/684-1713
Fax: 206/684-1741

William E. Blakney
Office of the Prosecuting Attorney
King County, Washington
Columbia Center
701 Fifth Avenue, Suite 4800
SEATTLE WA 98104

Involvement: Legal

Phone: 206/296-0424
Fax: 206/296-8819

D. ADDITIONAL TECHNICAL WORKING GROUP MEMBERS

Boeing:

Joan McGilton (S, H)
The Boeing Company
Corporate Safety, Health,
and Environmental Affairs
P.O. Box 3707, Mail Stop 7E-EJ
Seattle, WA 98124-2207

Phone: 206/447-2186
Fax: 206/393-4718

Environmental Protection Agency:

Justine Barton (S)
Environmental Protection Agency
Sediment Management Unit
Aquatic Resources, Wetlands, and Sediments
1200 - 6th Ave.
Seattle, WA 98101

Phone: 206/553-4974
Fax: 206/553-1775

Port of Seattle:

George Blomberg (H)
Doug Hotchkiss (S)
Port of Seattle
Pier 66
Seattle, WA 98111

Phone: 206/728-3194
Phone: 206/728-3192
Fax: 206/728-3188

University of Washington:

Charles Simenstad (H)
Fisheries Research Institute
University of Washington, WH-10
Seattle, WA 98195

Phone: 206/543-7185
Fax: 206/685-7471

U.S. Army Corps of Engineers:

Pat Cagney (S, H)
U.S. Army Corps of Engineers
Environmental Resources Section
4735 E. Marginal Way S.
Seattle, WA 98124-2255

Phone: 206/764-3624
Fax: 206/764-6676

Washington Department of Fisheries:

Randy Carman (H)
Washington Department of Fisheries
P.O. Box 43155
Olympia, WA 98504-3155

Phone: 206/902-2573
Fax: 206/902-2946